

# CALL FOR PAPERS

Special Focus Symposium on

## HEALTH, HEALING & INTELLIGENT MEDICINE

to be held  
**August 2 – 6, 2010**  
in  
**Baden-Baden**  
**Germany**

The **International Symposium on Health, Healing and Intelligent Medicine** will be part of the 30<sup>th</sup> Annual Meeting of the International Institute for Advanced Studies in Systems Research and Cybernetics, to be held August 2 – 6, 2010 in conjunction with the 22<sup>nd</sup> International Conference on Systems Research, Informatics and Cybernetics. This meeting will be held in the MLG-Building located at Hardstrasse 2, in the centre of Baden-Baden, Germany.

The Symposium will discuss new developments and advances in **Medicine & Health Care**. It will study innovative tools, methods, models, concepts and approaches that can be used to intelligently diagnose, treat, cure and prevent diseases, disorders, and traumatic injuries, and to improve and restore human health and functioning.

In addition to addressing new developments and advances in the classical areas of Medicine, the Symposium will also provide a forum for scientific exploration and discussion of novel ideas in other areas of Medicine such as: *Rehabilitation Medicine, Restorative Medicine, Informational Medicine, Nano-Medicine*, and other related fields. It will examine the influence, the role and the synergistic effects of material and non-material substances, environmental factors, information and energies on human health and healing. It will discuss new concepts, methodologies and intelligent tools, treatments and innovative therapeutic strategies that have recently emerged in various branches of Medicine and related disciplines.

The Symposium will study the underlying mechanisms of generating, transmitting and processing of information, signals, vibrations and energies within the human body at the nanoscale, subatomic, atomic, molecular, genetic, cellular, organ and body systems level. The Symposium will also explore how information, vibrations and energies can be used for diagnostic purposes, and most importantly, how they can be utilized therapeutically to facilitate and accelerate the healing process and restore the human health.

The Symposium aims at developing *a new reference framework* for an intelligent, multi-factorial customized treatment of wide variety of ailments, disorders and diseases. This should be accomplished by *selectively integrating* various concepts and approaches with new discoveries and advances in quantum physics, field theory, genetics, nutritional science, synergetics, biochemistry, biophysics, molecular biology, cybernetics, systems science, informatics, nano-technology, bio-mimicry and bio-mimetic engineering.

This forum will also explore how newly emerging concepts, innovative approaches, and new intelligent systems of various branches of Medicine (e.g. Informational, Vibrational, Bio-Energetic, and others) can be used in everyday medical practice, in their own right, or as auxiliary adjunct tools that would help to potentiate, enhance and maximize *the healing effects* of conventional medical treatments, and ultimately mitigate or minimize their undesirable *side-effects* and *after-effects*.

In addition to the above outlined topics, papers are invited that would deal with various bio-informational and bio-energetic aspects of nutrition, preventative and rehabilitation medicine, genetic counseling, environmental health research, and many other topics, which would include (but are not limited) to:

- Stem Cells Research and Stem Cells Therapeutic Applications
- New Developments in Genetic Therapy
- Advances in Human Immune System Research / Human Immunity
- Advances in Early Cancer Detection and Cancer Treatment
- Advances in Nanomedicine: Diagnostics and Treatment
- Using Molecular Tools and Molecular Knowledge of Human Body
- Cellular Repairs at the Molecular Level: Models, Tools and Methodology
- Tissue Engineering
- Artificial Organs
- Systems, Techniques and Procedures for Minimally Invasive Surgery
- Medical / Surgical Robotic Systems
- Application of Virtual Reality Systems in Medicine
- Collaborative Virtual Networks and Organizations in Health Care and Medicine
- New Paradigms and Concepts of Intelligent Medicine
- Informational and Bio-Energetic Medicine
- Cybernetic and Synergetic Systems and Processes in Intelligent Medicine
- Intelligent Diagnostics and Intelligent Therapeutic Strategies
- Bio-Informational Therapy and Treatments
- Intelligent Approaches to Health and Healing
- Systems Research in Genetic Therapy and Genetic Counseling
- Designing Taylor-Made Customized Treatment and Therapy
- Intelligent Health Care Delivery Management Systems / Healthcare Informatics
- Internet-Based Medicine
- Tele-Medicine
- Virtual Hospice
- The Role of Time, Rhythms, Cycles and Synchronicity in Medical Treatment & Healing
- Intelligent Nutrition and Intelligent Nutritional Therapy
- Health, Healing and Human Mind
- Spiritual, Mental, Emotional and Social Aspects of Human Health
- Psychosomatic Medicine and Psychological Medicine
- Mental and Emotional Health

Abstracts of papers for this Symposium should be submitted for evaluation by **March 30, 2010**. All papers will be refereed. Those selected will be scheduled for presentation and published in Conference Proceedings.

Notification of Acceptance will be sent to authors by **April 15, 2010**. Two camera-ready copies of full papers, not exceeding six pages, should be sent together with a relevant CD (Microsoft Word preferred), and also e-mailed by **May 9<sup>th</sup>, 2010** to:

**Prof. George E. Lasker – IIAS**  
**Conference Chairman**  
**C/O International Institute for Advanced Studies (IIAS)**  
**P. O. Box 3010, Tecumseh, ON. N8N 2M3, Canada**  
**E-mail: [lasker@uwindsor.ca](mailto:lasker@uwindsor.ca)**

**The Paper Submission Guidelines, the Copyright Transfer Form, Conference Registration Form and other relevant information about the Conference are available**

**at: <http://www.iias.edu>**

**Important dates**

- **Abstract submission deadline**      **March 30, 2010**
- **Notification of acceptance**      **April 15, 2010**
- **Final paper submission deadline**      **May 9, 2010**

The Symposium is sponsored by

**The International Institute for Advanced Studies  
in Systems Research and Cybernetics (IIAS)**

and

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